

# COVID-19 COCONINO COUNTY WEEKLY UPDATE

Morbidity and Mortality Weekly Report (MMWR)

Week 4 (1/24/2021- 1/30/2021)

In line with the start of the new year and public health reporting standards, this Weekly Report shows Week 4. The cumulative data within this report is from March 15, 2020 – January 30, 2021.

COCONINO COUNTY  
*February 5, 2021*



# Situation Summary

MMWR Week 4 (1/24/2021-1/30/2021)

**A total of 15,181 confirmed COVID-19 cases have been reported among Coconino County residents from March 15, 2020 – January 30, 2021.**

**Deaths: 263** (2% of cases)

**Probable Deaths: 5**

**Recovered Cases: 11,513**

(76% of cases)

**Hospitalizations: 1,109**

(7% of cases)

## Cases Reported Week 4 (January 24, 2021 - January 30, 2021):

**426**  
Positive  
Cases

**1,878**  
Negative  
Cases

**296.9**  
Rate per  
100,000

**11.8%\***  
Positivity  
Yield

## Community Transmission

- Coconino County has a current **incidence rate of 296.9 per 100,000**, **percent positivity of 11.8%\***, and **COVID-19-Like-Illness incidence (CLI) of 15.1%\*\***.
- Coconino County is currently at a **substantial \*\*\*** level of community transmission.

Benchmarks	Minimal	Moderate	Substantial
Cases	<10 cases/100,000	10-100 cases/100,000	>100 cases/100,000
Percent Positivity	<5%	5-10%	>10%
COVID-19-Like-Illness	<5%	5-10%	>10%

The Arizona Department of Health (ADHS) defines community spread levels with the thresholds outlined in the table above. These thresholds are consistent with the national standards set by Coronavirus Task Force.

**\*Percent positivity was calculated using only ELR data due to insufficient reporting.**

**\*\*Incidence rate and percent positivity data are from week 4 (CLI data from week 3 due to reporting lag). CLI is reported using hospital surveillance from the ADHS dashboard at the county level. Not all county hospitals are reporting CLI. Percent positivity numbers may differ from ADHS, as ADHS does not include non-electronic lab reports in % positivity calculations.**

**\*\*\* ADHS defines community spread level thresholds to be met for two-consecutive weeks before moving to a different risk-category. Week 3 met the benchmarks for Substantial level of community spread.**

## Cumulative Counts (March 15, 2020- January 30, 2021):

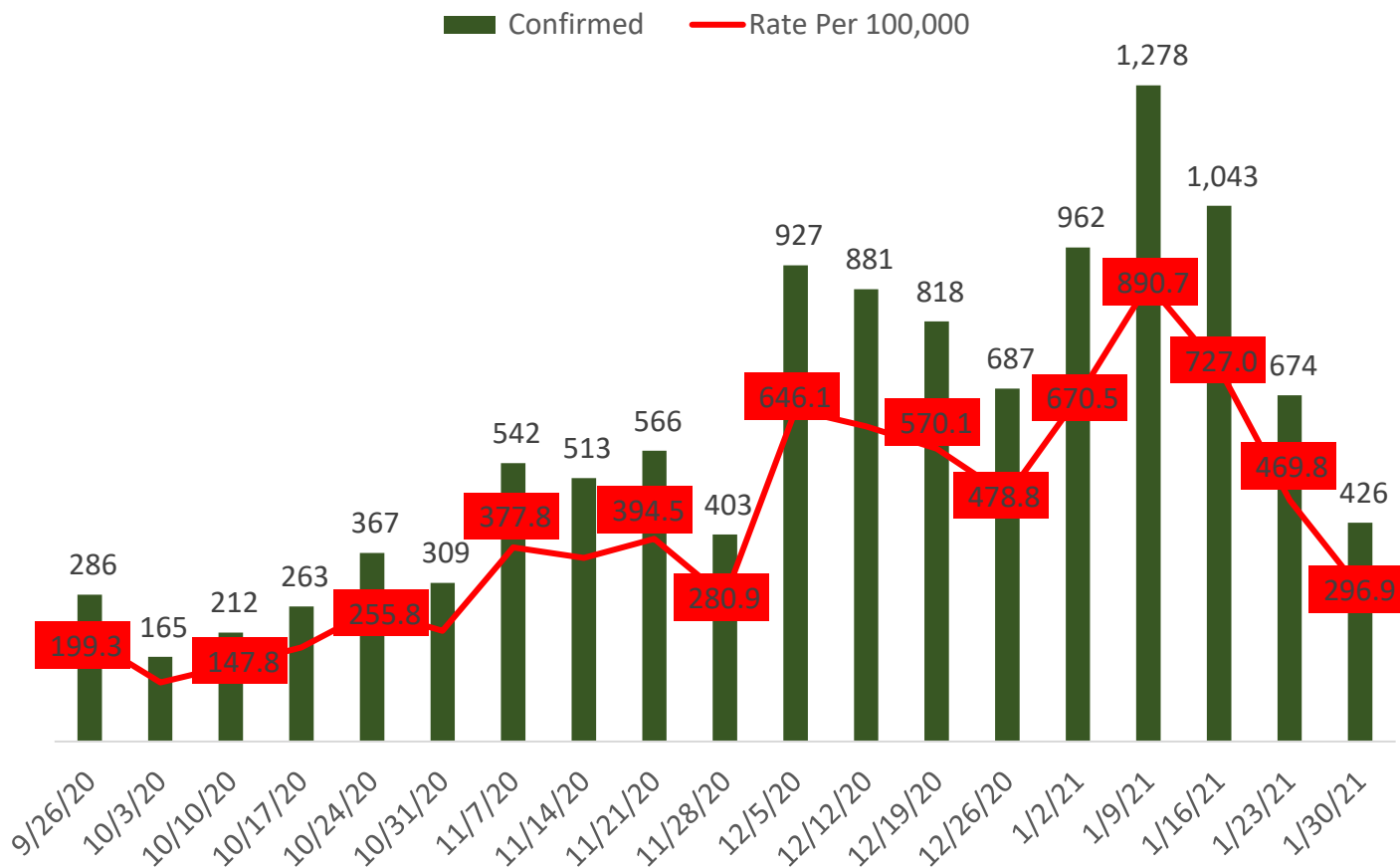
**15,181**  
Positive  
Cases

**82,531**  
People  
Tested

**11.6%**  
Positivity  
Yield

**10,580.9 cases per 100,000 Coconino County Residents**  
**vs.**  
**10,674.3 cases per 100,000 Arizona Residents**

## Weekly Case Counts Among Coconino County Residents:



\*Cases reported from 3/15/20-1/30/21

# COVID-19 Situation Summary\*

## Age:

Age	Confirmed Cases	Total Tests	Positivity Yield	Testing Incidence per 100,000	Case Incidence per 100,000
<20 years	2,973	16,764	13.4%	41,460.2	7,352.7
20-44 years	7,529	46,943	11.6%	87,514.9	14,036.2
45-54 years	1,766	11,628	12.0%	81,628.6	12,397.3
55-64 years	1,570	11,356	10.6%	68,529.4	9,474.4
65+ years	1,343	11,123	9.6%	59,846.1	7,225.9

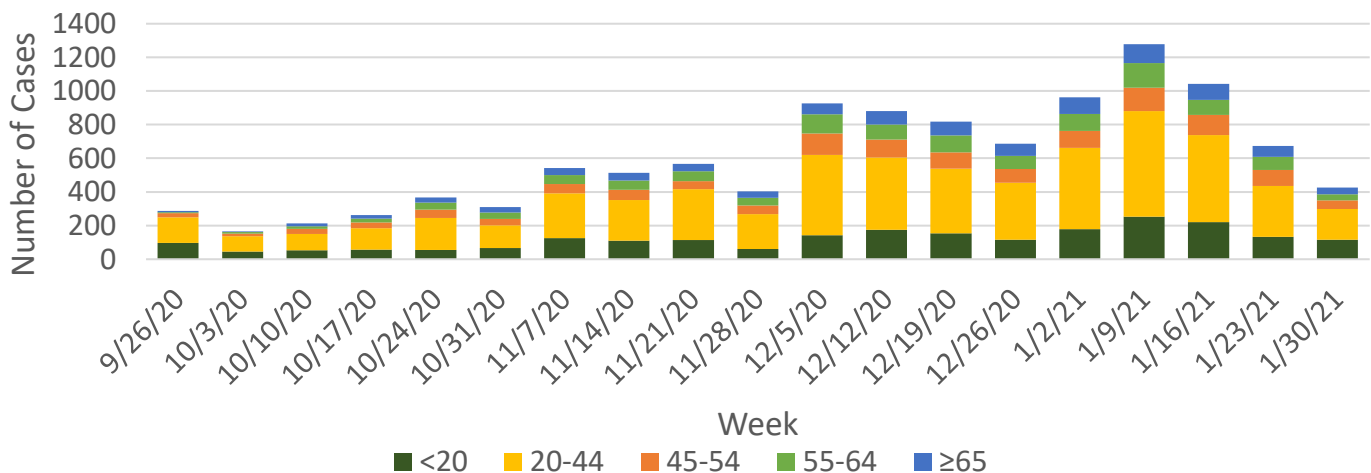
**The median age of Coconino County COVID-19 cases is 31 years old**



### Key Take Away

- The highest **case incidence** for week 4 was observed among residents aged 45-54 and 20-44 with an incidence of 351.0 and 341.2 per 100,000, respectively.
- The highest **positivity yield** for week 4 was observed among residents aged <20, 45-54, and 65+, with a positivity yield of 13%.
- The highest overall **testing incidence** was observed among residents aged 20-44 years (nearly 46% higher than that of 65+ years).

## Age of Confirmed Cases by Week



\*Cases reported from 3/15/20-1/30/21

# COVID-19 Situation Summary\*

## Location:

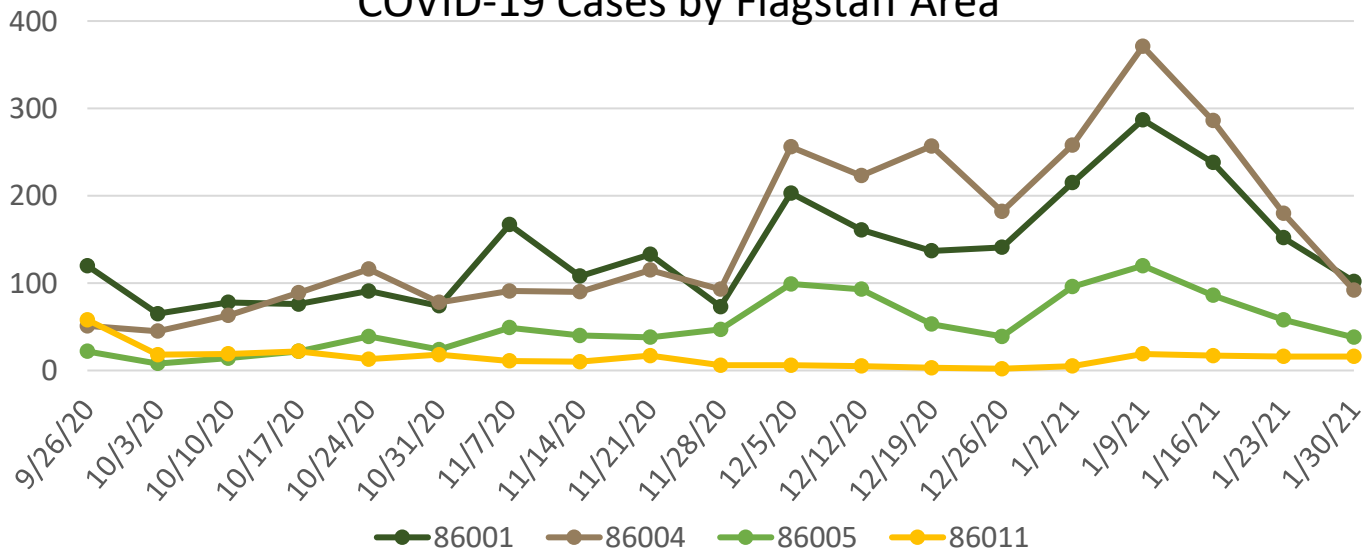
Location	Confirmed Cases	Total Tests	Positivity Yield	Testing Incidence per 100,000	Case Incidence per 100,000
Flagstaff	8,875	70,011	9.6%	75,237.8	9,537.6
Page	1,082	5,515	18.7%	73,075.4	14,336.8
Tribal Communities	4,118	14,827	17.1%	58,156.5	16,152.2
Williams	488	2,870	14.7%	54,500.6	9,267.0
Grand Canyon	153	1,090	12.3%	43,863.2	6,156.9
Other Areas	465	2,718	10.9%	28,224.3	4,828.7



### Key Take Away

- The highest **decrease of cases** in the Flagstaff area from the previous week was observed in 86004 with a 49% decrease.
- The highest **decrease of cases** in Other Areas from the previous week was observed in Grand Canyon with a 68% decrease.
- The highest overall **testing incidence** rate was observed in Flagstaff.

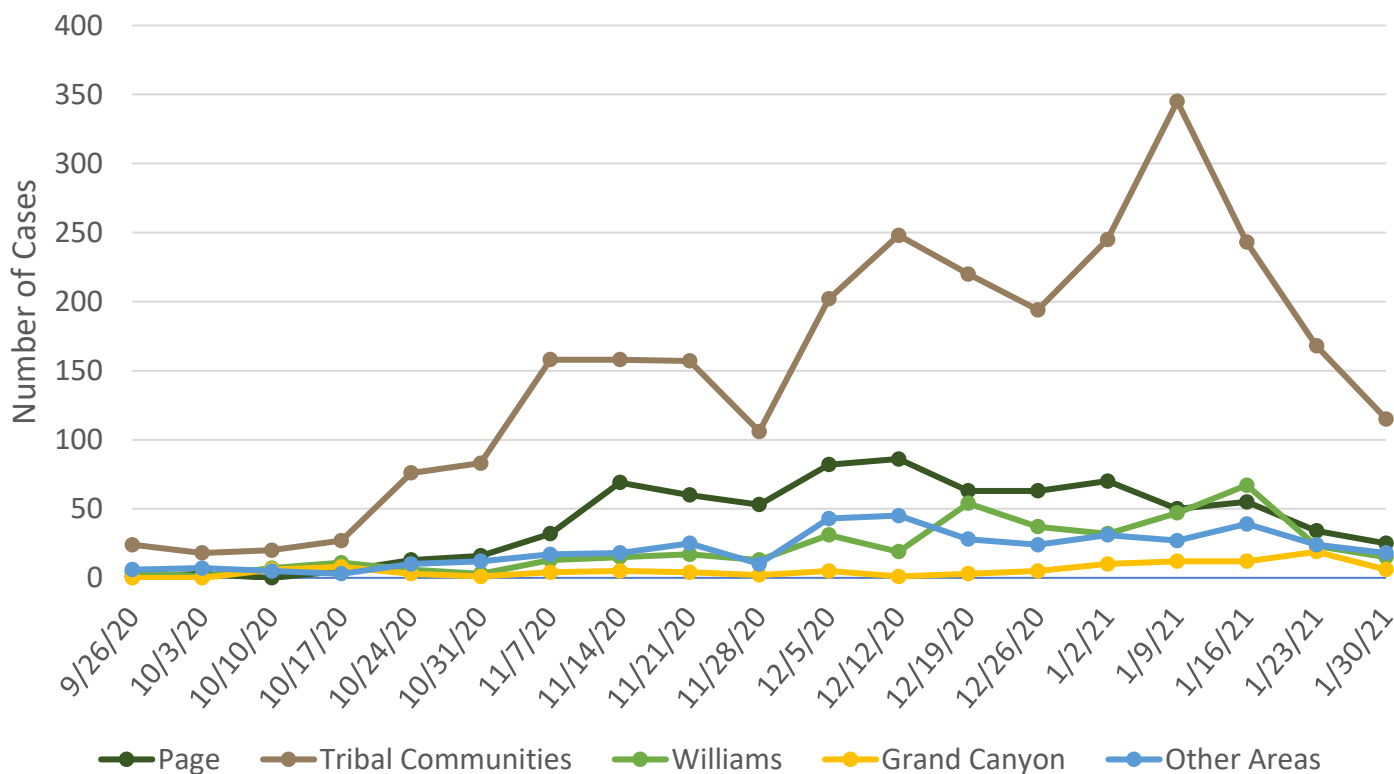
COVID-19 Cases by Flagstaff Area



\*Cases reported from 3/15/20-1/30/21

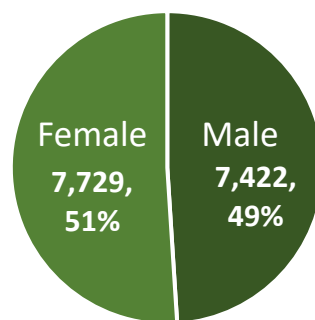
## Location:

### COVID-19 Cases by Other Geographic Area



## Sex:

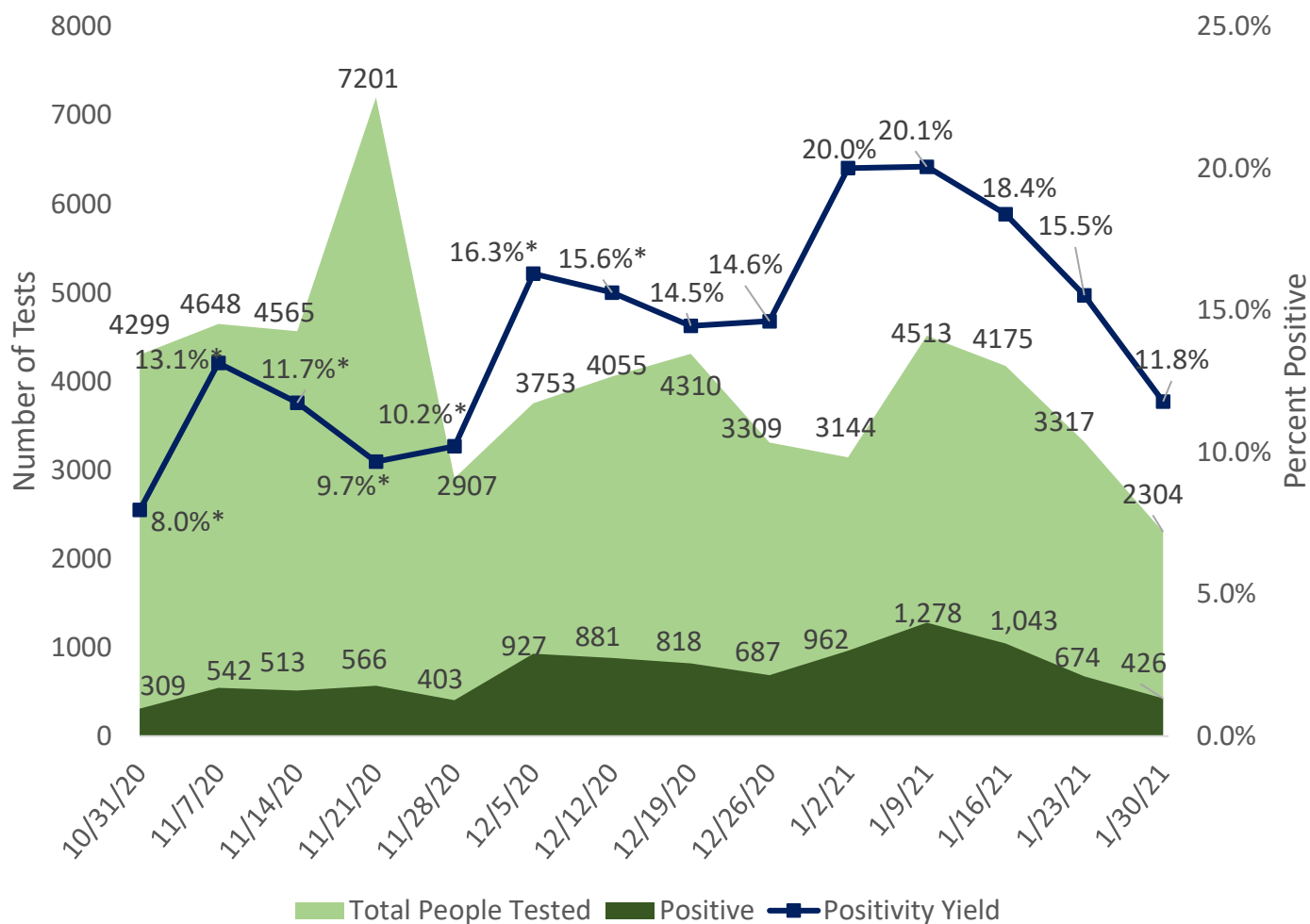
Sex	Confirmed Cases	Total Tests	Positivity Yield	Case Incidence per 100,000
Female	7,729	52,235	10.7%	10,669.5
Male	7,422	45,031	11.6%	10,448.2



### Key Take Away

- Although females have a slightly higher incidence of COVID-19 compared to males, females had 16% more tests than male residents.
- Male residents have slightly higher testing positivity yields.

## COVID-19 TESTING BY WEEK:



\*Percent positivity was calculated using only ELR data due to insufficient reporting.

### COVID-19 Diagnostic Testing:

**People Tested:** A total of 82,531 Coconino County residents have been tested.

**Tests Conducted:** A total of 176,945 tests have been conducted among Coconino County residents.

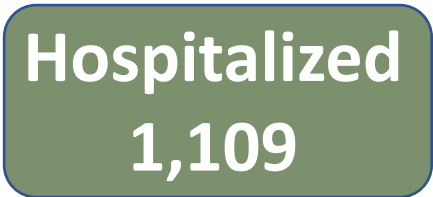
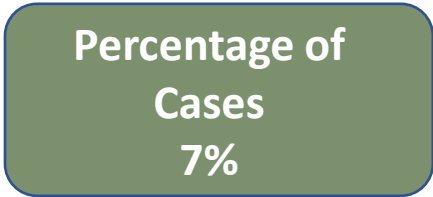
**Investigations:** The investigations team interviews Coconino County Residents that test positive for COVID-19. **Investigations completed: 6,093**

**Monitoring:** The monitoring team contacts confirmed cases/people exposed to confirmed cases to monitor for symptoms, identify needs, and provides assistance as requested.

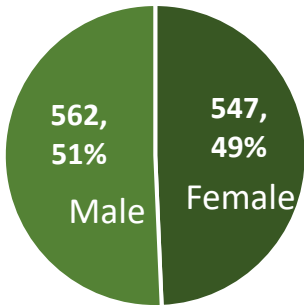
- **Currently being monitored: 121 (As of 1/30/2021)**
- **Total individuals monitored to date: 4,912**

## Hospitalizations

(not all hospitals are currently reporting hospitalization data to Coconino County):

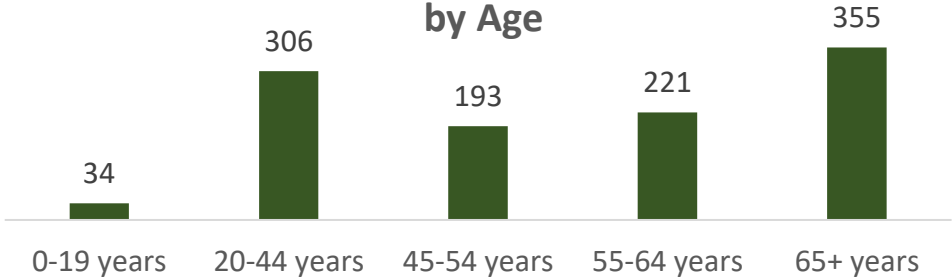


### Sex

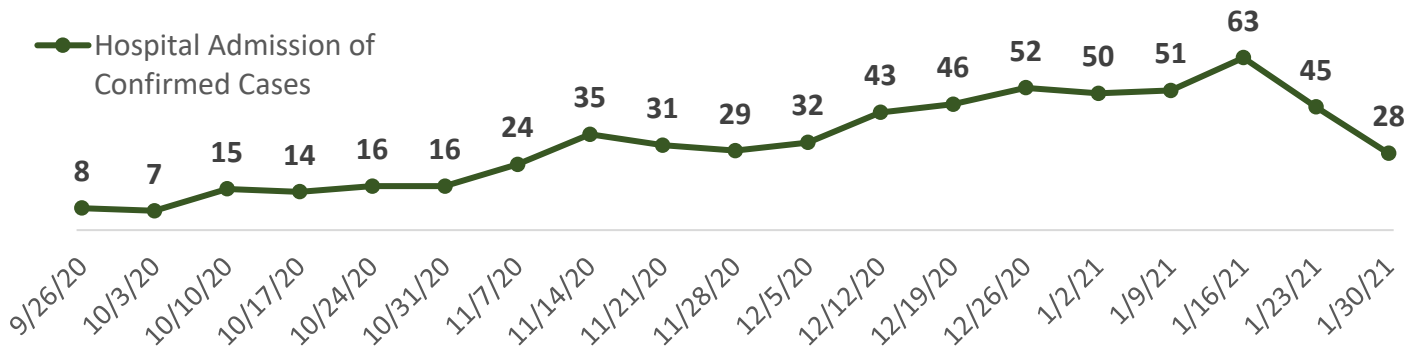


14% of hospitalized residents were in the ICU and 6% were intubated.

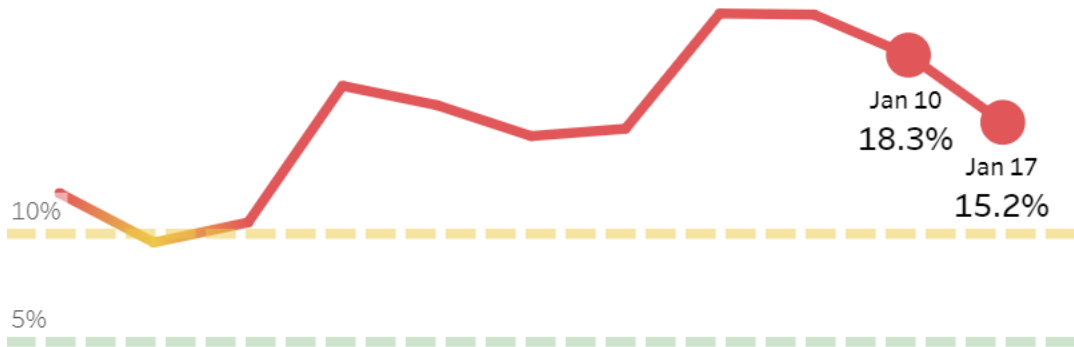
### Hospitalized Coconino COVID-19 Patients by Age



## Weekly Case Counts Among Coconino County Residents:



## Hospital Visits for COVID-Like Illnesses Among Coconino County Residents:



\*Cases reported from 3/15/20-1/30/21



# COVID-19 Situation Summary\*

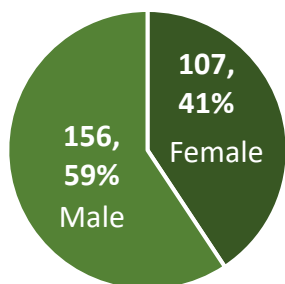
## COVID-19 Related Deaths:

Percentage of  
Cases  
2%

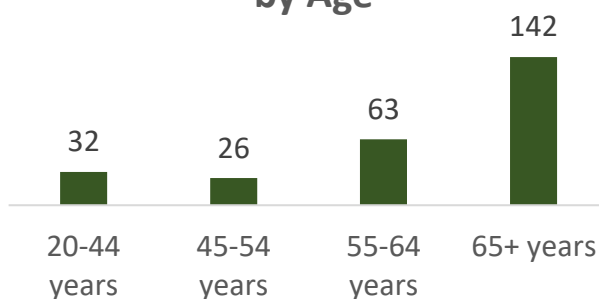
Deaths  
263

Fatalities  
Per 100,000  
183.3

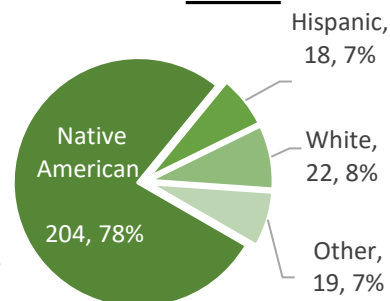
### Sex



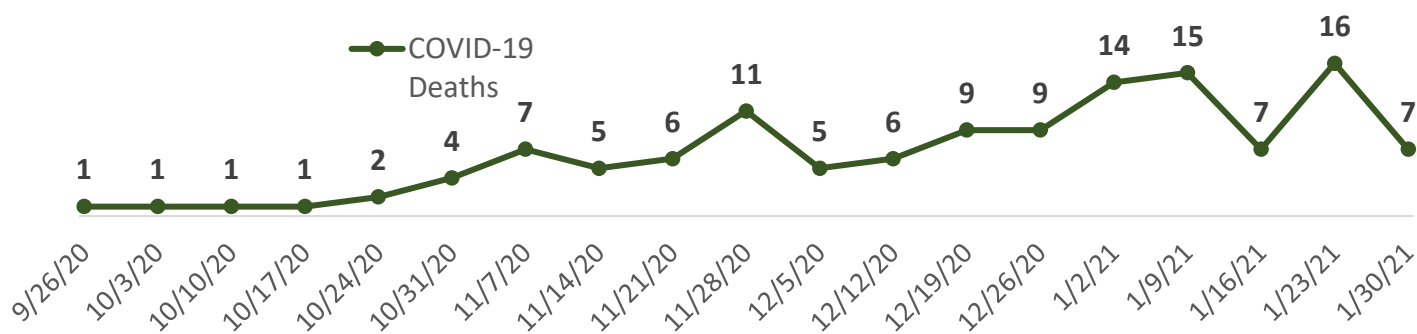
### Coconino COVID-19 Deaths by Age



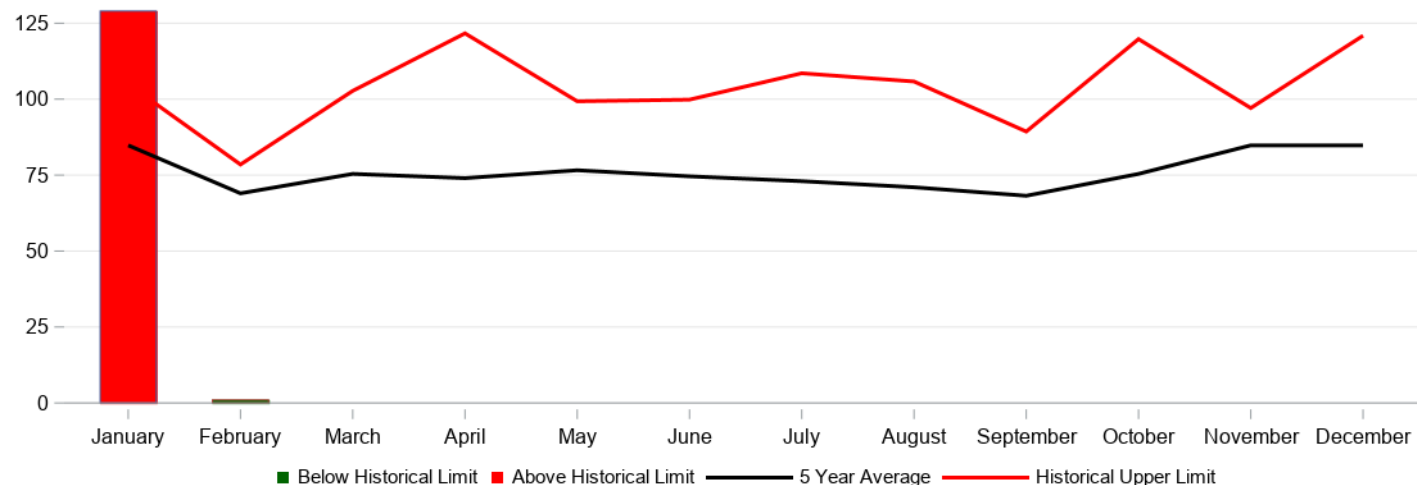
### Race



## Weekly COVID-19 Deaths Among Coconino County Residents:



### 2021 All Deaths Aberration



\*Cases reported from 3/15/20-1/30/21